IDE/SATA HDD Enclosure

UNI3510U2

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com 3.5" USB 2.0 to IDE/SATA Hard Drive Enclosure. Now, you can turn almost any 3.5" hard drive into a portable storage device! This hybrid, 3.5" USB 2.0 to IDE/SATA Hard Drive Enclosure provides broad compatibility with IDE (66/100/133) or SATA I/II (SATA 150/SATA 300) hard drives, making it the wise choice for a variety of uses including data backups, digital image storage, multimedia storage, or simply putting an "outdated" drive to good use.

Features

- Compact, lightweight design
- Solid metal construction
- Supports data transfer rates of up to 480Mbps (USB 2.0, SATA II)
- No driver installation required
- Supported by Windows 98SE, ME, 2000, 2003 Server, XP and Vista™, Linux, Mac OS 9.0 and higher

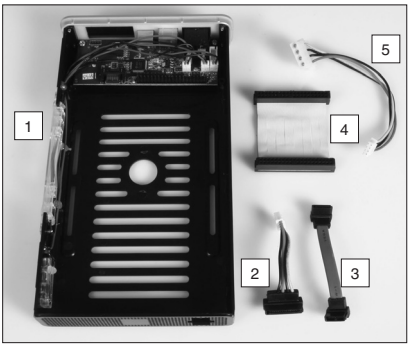
System requirements:

- A USB enabled computer with an available USB port (USB 2.0 for peak performance)
- Operating System: Windows® 98SE, ME, 2000, 2003 Server, XP and Vista™, Linux, Mac OS 9.0 and higher

Package Contents

- 1 x SATA/IDE to USB 2.0 External HDD Enclosure
- 1 x USB 2.0 Cable
- 1 x AC Power Adapter
- 1 x PCI Express Adapter Card
- 1 X Power Cable

Hardware Guide



1	Disk Mounting Tray
2	SATA Power Cable
3	SATA Data Cable
4	IDE Data Cable
5	IDE Power Cable

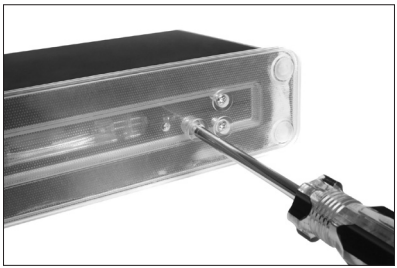
Installation and Usage

WARNING: Hard drives require careful handling, especially when being transported. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and storage device with caution.

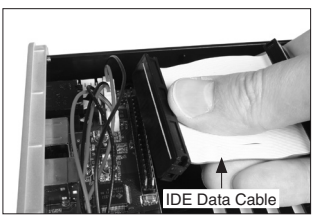
Hard Drive Installation

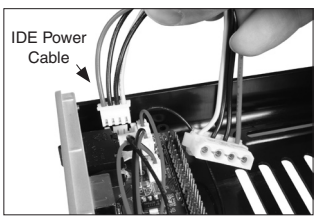
1. Remove the screw holding the Base Stand to the enclosure, and separate it from the Enclosure, then slide the Disk Mounting Tray out of

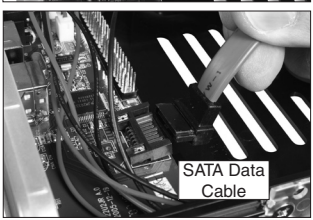
the Enclosure:

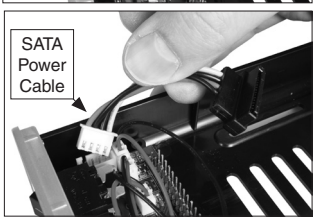


2. Gently place the hard drive, label side up into the enclosure. Connect the IDE or SATA Power and Data cables to the hard drive and to the controller board as appropriate. Please note that if you are installing a SATA drive in the enclosure, the IDE Data cable will need to be re moved.







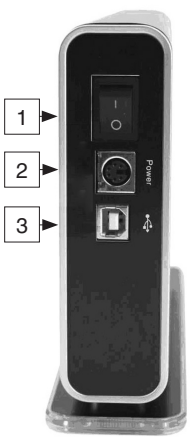


3. Fasten the hard drive to the Disk Mounting Tray, using the provided screws.

4. Slide the Disk Mounting Tray (with drive attached) back into the Enclosure, so that the Enclosure is sealed.

5. Re-fasten the Base Stand to the base of the Enclosure and replace the screw removed in Step #1. Drive installation is now complete.

Connecting the Drive Enclosure to a Computer



1	USB Type 'B' Port
2	Power Port
3	Power Switch

1. Connect the AC Adapter cord to the DC Power Port on the rear panel of the drive enclosure. Connect the remaining end of the adapter to an available electrical outlet.
2. Insert the Type 'B' connector provided by the USB cable into the USB Type 'B' port on
3. the rear panel of the enclosure. Connect the remaining end to an available USB port on the host computer.
4. Press the Power Switch to the ON position.

Disconnecting the Enclosure from the Computer

WARNING: Do not disconnect any cables or power sources while the hard drive is active. This can result in data loss and possible damage to the hard drive.

WARNING: To prevent data loss, please ensure that all active applications areclosed, prior to shutting down power to the drive.

Windows XP/2000/2003 Server/Vista™

1. Double-click on the Safely Remove Hardware icon, located in the System Tray (typically located on the bottom right corner of the desktop).

2. Select USB Mass Storage Device from the list, and click on **Stop.**
3. Select the drive to be disconnected, and click **OK**.
4. Click on **Close** and turn the Power Switch on the enclosure to the **OFF** position.
5. It is now safe to disconnect the Enclosure from the computer, by removing the USB cable.

Windows 98SE

1. Close all applications.
2. Ensure the drive is not running, and move the Power Switch to the OFF position.
3. Disconnect the USB cable from the computer.

Mac OS

1. Locate the Removable Disk icon associated with the drive you wish to disconnect, and drag it to the Trash icon on your desktop.

2. When the disk icon disappears from the desktop, move the Power Switch to the OFF position. You can now safely disconnect the USB or FireWire cable from your computer and the power cord from the electrical outlet.

Troubleshooting

Slow Data Transfer Rates between the External Drive and Host Computer:

Your computer may be operating at USB 1.1 speeds, if the correct drivers have not been installed for the USB Bus Controller. Please ensure that the latest drivers for your motherboard, or USB add-on card have been installed. If the host computer is unable to support USB 2.0, you may consider adding a PCI or PCI Express based add-on card to your computer. For more information regarding add-on cards, please see the section entitled Accessory Products from StarTech.com.

Windows won't allow me to safely remove my drive?

Often times, this is because the operating system is still reporting the drive as busy or in use. Be sure to close all applications before removing the drive connection from the host computer.

Delayed write failure on Windows XP

One of the most common causes of delayed write failures is that some of the required communication between the enclosure and the host is being blocked by a firewall.

Windows XP SP2 has a built-in firewall, that helps to secure the computer against outside intrusion. The firewall is enabled by default when Service Pack 2 is installed, which may block transfers to and from the drive enclosure. If this is the case, temporarily disable the firewall, and attempt a file transfer between the computer and the external drive. If the transfer is successful, configure the Windows Firewall to allow the USB connection. Be sure to enable the firewall, once troubleshooting is complete.

Specifications

Maximum Supported Data Transfer Rate	480Mbps (USB 2.0 and SATA II)
Connectors	1x SATA Data 7 Pin Female 1x SATA Power 15 Pin Female 1x 40 Pin IDE ATA Female 1x LP4 Female 1x USB B Female
Supported Operating Systems	Microsoft Windows® 98SE, Windows Vista™, Windows ME, Windows 2000, Windows XP Mac OS 9.0 or higher Linux
Safety Standards	UL, CE, FCC
Product Dimensions	222 x 38 x 140mm (L x W x H) 7.8 x 1.34 x 4.94”
Product Weight	749g (26.4oz)

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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